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| **Position Title**<br>Information Technology Specialist (Data Management) | **Organization**<br>IO / IT OPERATIONS DIVISION |
| **NASA Announcement Number**<br>AR12B0019 | **Vacancy Type**<br>Case File |
| **OPM Control Number / Status**<br>315481700 / Posted<br>*Job has closed* | **Salary Range**<br>$96,867 - $125,926 |
| **Open Dates**<br>04/30/2012 - 05/16/2012 | **Pay Plan - Series / Grade (Low, High, Potential)**<br>GS - 2210 / 13, 13, 14 |
| **Position Information**<br>Full-Time / Permanent | **Duty Location**<br>062205085 - Moffett Field, CA (1) |
| **Who May Be Considered** | **Citizenship Required**<br>True |

**Who May Be Considered**

This announcement is open to all qualified U.S citizens.

This announcement combines a merit promotion and a competitive announcement in one advertisement. Applications will be accepted from status and non-status candidates.

Status candidates, including NASA term employees eligible for conversion under the NASA Flexibility Act of 2004, will be considered under merit promotion procedures. Nonstatus candidates will be considered under competitive procedures.

**Job Summary**

The Information Technology Operations Division (Code IO), at NASA Ames Research Center (ARC) is currently seeking interested applicants for the position of Information Technology Specialist (Data Management). The incumbent is responsible for the management of all NASA ARC and NASA Research Park Data Centers. He/she manages information technology (IT) projects and leads technical teams in IT architecture designs, upgrades and modifications for the life cycle management of applications, systems, services, equipment and technologies supported by the ARC Data Centers.

**Comments**

This vacancy has been amended to extend the closing date to 5/16/2012.

## Marketing Summary

NASA, the world's leader in space and aeronautics is always seeking outstanding scientists, engineers, and other talented professionals to carry forward the great discovery process that its mission demands. Creativity. Ambition. Teamwork.  A sense of daring. And a probing mind. That's what it takes to join NASA, one of the best places to work in the Federal Government.

## Key Requirements

1. Position subject to pre-employment background investigation
2. The incumbent must be able to obtain and maintain secret clearance.
3. Position subject to a pre-employment drug test
4. Position subject to random drug testing
5.

## Total number of openings

1

## Major Duties

As the Information Technology Specialist (Data Management), the incumbent is responsible managing the NASA Ames Research Center (ARC) and NASA Research Park (NRP) Data Centers, including all information technology (IT) systems that reside within and externally interface with the Data Centers, all supporting Data Center facilities and network and communications circuits. Ensures all facilities, systems and operations are in absolute conformance with current national and NASA IT security requirements. He/she manages IT projects and leads technical teams in IT architecture designs, upgrades and modifications for the life cycle management of applications, systems, services, equipment and technologies supported by the ARC Data Centers.

He/she serves as the lead for the ARC Data Center services delivered to internal/external facility customers via traditional server-based hosting, virtualization platforms, and cloud services (including compute and storage, public and private, open source and proprietary). Coordinates planning of the ARC Data Center architecture among all IT management systems. He/she is responsible for Data Center floor and rack configuration management and optimization, operation, maintenance and enhancement of the applications and services provided by these IT facilities and the Data Center facilities. These applications include locally developed and commercial off the shelf (COTS) business, scientific and engineering applications, data bases, servers, operating systems, tools and infrastructure which enable virtual machines (VMs), Clouds, and systems they utilize. He/she defines, estimates, advocates and leads facility modifications, enhancements, operations and maintenance projects. The incumbent is responsible for the continued utilization and expansion of the VM. The current VM environments implemented include VMware and Hyper-Visor.

The incumbent reviews ARC Data Center and supporting facilities life cycle management, staffing expertise, support vendors, Data Center and supporting facilities enhancements, and customer requirement, overall Data Center infrastructure, systems, services, hardware and software, and support resources against newer technologies, technologies on the horizon, and aging technologies. The incumbent monitors IT security and process/work flow analysis, cost/performance modeling, system capacity planning, load balancing and sensitivity analysis. He/she leads technical teams in IT architecture designs, upgrades and modifications. Assesses vendor hardware and software updates for applicability and feasibility. Explores ways to upgrade or enhance the level of services provided. Initiates service modifications to meet changing requirements. He/she develops long and short-range plans for the Data Centers and facilities and applied IT security requirements that anticipate, identify, evaluate, mitigate and minimize risks associated with IT systems vulnerabilities. Ensures compliance with NASA security requirements resulting from laws, regulations and Presidential directives such as Federal Information Security Management Act (FISMA) and National Institute of Standards Technology (NIST) standards.

**General Qualifications**

Applicant must have one year of specialized experience equivalent to the next lower grade, which has equipped the applicant with the particular competencies needed to successfully perform the duties of the position described above.

Specialized experience is defined as experience in leading IT programs and projects to manage IT data centers and associated facilities, virtual machines, and cloud computing infrastructure and implementation, or equivalent.

**Educational Qualifications**

No text available

**Requirements**

U.S. citizenship is required.

## How You Will Be Evaluated

Announcement will be used for both internal and external applicants.

<u>Internal (Status) candidates will be evaluated as follows</u>:
Resumes will be rated by an automated system (Resumix) that matches the competencies extracted from your resume to the competencies identified by the selecting official for the position. Based on the competencies you match, you are placed in one of three categories identified as 90, 80, or 70 pt. quality categories, which are defined as:

<u>90 pt. Category</u> - Tentative meets (until subsequent confirmation upon referral) the basic qualification requirements identified in the vacancy announcement and has experience in the same or similar job that has demonstrated superior proficiency in the primary requirements of the position.

<u>80 pt. Category</u> - Tentatively meets (until subsequent confirmation upon referral) the basic qualification requirements identified in the vacancy announcement and demonstrates satisfactory proficiency in the primary requirements of the position.

<u>70 pt. Category</u> - Fails to meet criteria described in the 80 pt. category.

Additional application guidance is available in NASA's*Applicant Guide.
(http://resume.nasa.gov/applicant_guide.html)*.

For the purpose of the Career Transition Assistance Program (CTAP) and the Interagency Career Transition Assistance Program (ICTAP), candidates rated in the top quality category are considered well-qualified.

<u>External (Non-Status) candidates will be evaluated as follows</u>:
Same process as Internal (Status) candidates, with the additional procedures related to Veterans:

The Category Rating Process protects the rights of veterans by placing them ahead of non-preference eligibles within each category. Preference eligibles who meet qualification requirements and have a compensable service-connected disability of at least 10 percent must be listed at the top of the highest quality category, except when the position being filled is scientific or professional at the GS-09 grade level or higher.

## Benefits

NASA offers excellent benefit programs and competitive salaries. To learn more about pay and benefits at NASA, click *HERE (http://nasajobs.nasa.gov/benefits/benefits.htm target=_blank)*.

## Other Information

Any applicant tentatively selected for this position may be required to undergo a pre-employment background investigation.

Individuals who have special priority selection rights under the Agency Career Transition Assistance Program (CTAP) or the Interagency Career Transition Assistance Program (ICTAP) must be well qualified for the position to receive consideration for special priority selection. See 'How You Will Be Evaluated' for definition of well qualified.

Federal employees seeking CTAP/ICTAP consideration must indicate their eligibility when applying for a position. The USAJOBS resume asks you to identify your ICTAP eligibility; the NASA Supplemental Information asks you to identify your CTAP eligibility.   If you are selected for the position, you must be prepared to submit proof that you meet the requirements for CTAP/ICTAP. This includes a copy of the agency notice, a copy of their most recent Performance Rating and a copy of their most recent SF-50 noting current position, grade level, and duty location.

As a condition of employment, male applicants born after December 31, 1959, must certify that they have registered with the Selective Service System, or are exempt from having to do so under the Selective Service Law.

In order to receive preference in hiring, you must clearly identify your claim for veterans preference on your resume. NASA's *Applicant Guide (https://resume.nasa.gov/applicant_guide.html target=_blank)* provides the information needed to assist you in determining whether or not you can claim 5 or 10 point veterans preference. You should not submit documents to prove your eligibility for veterans preference at this time. However, you must be prepared to submit proof of veterans preference (DD-214, and, if claiming 10-point preference, SF-15 plus proof required by that form) as requested by the Human Resources Office. Veterans preference will only be considered based on what is supported.  For instance, if you claim 10-point preference, but are only able to document 5-point preference, you will be considered accordingly. If you fail to provide the required documents within the stated time period, we may withdraw a job offer and/or remove you from further consideration.

Your USAJOBS account asks you to assign a name to each of your resumes.  When you apply to a NASA position, we will show you the text of the resume you have submitted, but we do not maintain the name you have assigned to that resume. If you wish to keep track of that information, we recommend you make note of it at the time you apply.

U.S. citizenship is required.

Identification of promotion potential in this position does not constitute a commitment or an obligation on the part of management to promote the employee. Promotion will depend upon administrative approval and the continuing need for an actual assignment and performance of higher level duties.

Travel and relocation expenses are not authorized.

Current Federal employees must meet time in grade and three months after competitive appointment restrictions by the closing date of the announcement.

The incumbent must be able to obtain and maintain a SECRET security clearance.

This position is subject to pre-employment drug test and subject to random drug testing.

**How to Apply**

This vacancy is being filled through NASA STARS, an automated Staffing and Recruitment System. NASA partners with USAJOBS in providing a seamless application process. Before you begin the application process, please read the vacancy announcement carefully and have all required information available. You may begin the process of submitting your resume by clicking on the 'Apply Online' link.

In order to be considered, you must submit a resume completed on the USAJOBS site. When completing your USAJOBS resume, please remember that NASA limits resumes to the equivalent of approximately SIX typed pages, or approximately 22,000 characters including spaces. You will NOT be allowed to complete the application process if your resume is too long or if your resume was uploaded to USAJobs from a second source. Additionally, NASA does not accept documents attached through USAJobs' document attachment feature.

Once you submit your resume to NASA, you will be asked to complete a short series of additional questions. You must finish the entire process in order to have a complete application package and receive consideration. Your answers will not be saved unless you finish the entire application.

You may edit a previously-submitted application, if the announcement is still open. For more information, see the *Applicant Guide. (https://resume.nasa.gov/applicant_guide.html target=_blank)*

If you are unable to apply electronically for this position, submit your resume and supplemental questions to: National Aeronautics and Space Administration (NASA), Resume Operations Center, Mailstop: HS50, Marshall Space Flight Center, AL 35812. DO NOT submit your resume directly to the Center advertising this vacancy. Mailed resumes must be received by the close of business on the closing date of the announcement. Hard copy resumes requirements are provided at: *Hard Copy Resume Requirements (http://nasajobs.nasa.gov/howtoapply/hardcopyresumes.htm target=_blank)*.

If you are a first time applicant, we recommend that you review NASA's *Applicant Guide (https://resume.nasa.gov/applicant_guide.html target=_blank)* to ensure that you are providing a complete resume. Failure to submit the supplemental data and a resume that contains all of the required information may result in loss of consideration for positions in which you are interested.

All applications must be received no later than midnight Eastern Time on the closing date of the announcement.

## Required Documents

NASA's application process has been specifically developed to ensure that we only ask you for the information we absolutely need to evaluate your qualifications and eligibility. In order to apply for this position, you only need to submit your resume and answer the screening questions and supplemental information. No additional documentation is accepted at the time of application. (For example you need not submit narrative 'KSA' statements; they are not required and will not be evaluated.) In this way we allow you to focus on preparing a resume that best describes your background and abilities. For assistance in preparing your resume, consult the *Applicant Guide (https://resume.nasa.gov/applicant_guide.html target=_blank).*

Nothing further is required until requested by the Human Resources Office. At that point, we may ask you to submit documentation to support statements made in your resume. For example, we may ask you to provide academic transcripts or proof of Federal employment status. If you are claiming veterans' preference, we may ask you to submit proof of veterans preference (DD-214, and, if claiming 10-point preference, SF-15 plus proof required by that form). If you fail to provide the required documents within the stated time period, we may withdraw a job offer and/or remove you from further consideration.

## Contact

Ames Jobs / / arc-amesjobs@mail.nasa.gov

## What to Expect Next

Candidates for NASA positions are evaluated using our automated staffing and recruitment system, NASA STARS, which compares your skills and experience as described in your resume with the requirements of the position. If you are found to be a highly qualified candidate, you will be referred to the selecting official for further consideration. (In some cases, individuals with priority for special consideration must be considered and selected before other candidates.) Whether or not you are contacted for an interview depends upon the location of the position and the judgment of the selecting official.

At NASA, we pride ourselves on efficient and timely recruitment actions, and you can normally expect to learn the outcome of the selection process in a fairly short period of time. In addition, to ensure that you can measure progress for yourself, NASA provides you with regularly updated information on the status of the vacancy announcement.